

## ADDENDUM NUMBER 2

February 27<sup>th</sup>, 2024

Project: Parker Engineering Project Number: PE23155  
Highway 25 Elevated Water Tank  
City of Millen  
EDA Investment No. 04-01-07759

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY INSERTING ITS NUMBER IN YOUR BID FORM – SECTION 00400. FAILURE TO DO SO MAY SUBJECT BONA FIDE BIDDERS TO DISQUALIFICATION. THIS ADDENDUM FORMS A PART OF THE BIDDING DOCUMENTS WHICH ARE HERBY MODIFIED IN THE FOLLOWING RESPECTS:

### I. CONTRACTOR QUESTIONS

- A. The time of completion for this project is listed as 180 CD Substantial and 210 CD Final. For a tank of this size this is a very short completion time. Can this completion time be pushed out to 330 CD Sub and 360CD Final?

*Yes, completion time has been changed to 330 days for substantial completion and 360 days for full completion.*

- B. Can we work 7 days a week on this project?

*Yes, Contractor can work 7 days a week.*

- C. Our Engineering department has reviewed the soil report, and they feel like this is a very good candidate for the use of ground improvement / Rammed Aggregate Piers. The use of this type of foundation will save the client money and speed up installation time. Will you allow the use of ground improvement / Rammed aggregate piers on this project?

*The Bidder should bid the project according to the specifications and the geotechnical report attached to the specifications. However, the City is open to evaluating alternative foundations after the contract is awarded.*

- D. Has a budget been published for this project?

*Estimated budget for this project is \$2,139,150.00*

E. Can a planholders list be provided?

*See attached Planholders List.*

F. Is weekend work permitted?

*Yes, weekend work is permitted.*

G. What permits or licensing fees are required? Are there any County licenses that need to be acquired prior to construction?

*No business license or building permit fee is required.*

H. Can progress meeting be held remotely?

*Yes, progress meetings can be held remotely.*

I. 00700-14 Article 6.2 states "CONTRACTOR shall keep on the Work at all times during its progress a competent resident superintendent". Can a full-time foreman act as a resident superintendent? Can the superintendent change with the different construction phases?

*Yes, full time foreman can act as residential superintendent. Yes, superintendent can change with construction phases.*

J. Can we use our standard tank geometry for a 500,000g TE, inclusive of a 50'-0" tank diameter, and 37'-3" head range?

*Yes, you may use your standard tank geometry.*

K. The height to HWL (146'-0") shown on Sheet T3 does not match the elevations specified in Section 15280 1.5.A (147' LWL). Please clarify the HWL elevation.

*Use HWL 151. Updated plans are provided. Plans were updated due to survey change.*

L. Who will be conducting field-applied coatings inspections?

*Parker Engineering will conduct field-applied coatings inspections.*

M. Are the adjacent properties available for use for temporary construction staging? Can additional space be provided?

*Yes, adjacent properties owned by the Jenkins County Development Authority can be used for temporary construction staging.*

- N. EDA Contracting Provisions states that materials incorporated into the work are to adhere to Buy America provisions. Please confirm domestic material is required.

*Buy American clause states "Contractors are hereby notified that they are encouraged, to the greatest extent practicable, to purchase American -made equipment and products with equipment and products with funding provided under this award." So domestic material is NOT required if materials and parts are not practicable.*

## II. CONSTRUCTION PLANS

- A. The project site survey has been revised and elevations have been changed. Contactor shall use attached plans **(2/22/24 BID SET (ADDENDUM #2))**.

## III. CONSTRUCTION SPECIFICATIONS

- A. All project specifications that reference the original contract completion time (180 substantial completion and 210 final completion) are hereby revised to **330 days to substantial completion** and **360 days to final completion**.

*END ADDENDUM #2*

**PLANHOLDERS LIST**

<b>PROJECT: Highway 25 Elevated Water Tank</b> City of Millen			<b>BID DATE/TIME:</b> March 7th, 2024 3:00 PM		<b>BID PLACE:</b> City of Millen City Hall 919 College Avenue Millen, GA 30442	
<b>PROJECT:</b> PE23155 <b>PROJECT MANAGER:</b> Wesley Parker, P.E., Robert Ellis, EIT						
<b>CONTRACTOR NAME</b>	<b>ADDRESS</b>	<b>PHONE/FAX</b>	<b># OF SETS</b>	<b>VIA</b>	<b>INV # PYMT.</b>	<b>ADDENDUM</b>
1 <b>Mill Creek Construction</b> <b>Casey Woodrum</b>	347 Woodrum Road N Statesboro, GA 30461  <a href="mailto:dwoodrum.mc@gmail.com">dwoodrum.mc@gmail.com</a>	912-764-3099	1	<b>EMAILED JUST PLANS 02/06/24</b>	<b>\$150.00</b>	
2 <b>Caldwell Tanks, Inc.</b> <b>Carolyn Burke</b>	4000 Tower Road Louisville, KY 40219  <a href="mailto:cburke@caldwelltanks.com">cburke@caldwelltanks.com</a>	502-964-3361	1	<b>EMAILED 02/06/24</b>	<b>\$150.00 PAID</b>	
3 <b>Phoenix Fabricators &amp; Erectors</b> <b>Vicki Gossel</b>	182 South County Road 900 East Avon, IN 46123 <a href="mailto:Joe.Castellanos@phoenixtank.com">Joe.Castellanos@phoenixtank.com</a> <a href="mailto:vicki.gossel@phoenixtank.com">vicki.gossel@phoenixtank.com</a>	317-737-2942	1	<b>EMAILED 02/06/24</b>	<b>\$150.00 PAID</b>	
4 <b>Landmark Structures</b> <b>Janine Straw</b>	1665 Harmon Road Fort Worth, TX 76177 <a href="mailto:jstraw@teamlandmark.com">jstraw@teamlandmark.com</a> <a href="mailto:estimating@teamlandmark.com">estimating@teamlandmark.com</a>	817-439-8888	1	<b>EMAILED 02/06/24</b>	<b>\$150.00 PAID</b>	
5 <b>Construct Connect</b> <b>Courtney Huesman</b>	       <a href="mailto:Courtney.Huesman@constructconnect.com">Courtney.Huesman@constructconnect.com</a>		1	<b>TO EMAIL 02/27/24</b>	<b>\$75.00 TO EMAIL</b>	

# CONSTRUCTION PLANS FOR THE US 25 ELEVATED TANK SITE PROJECT

EDA AWARD#: 04-01-07759

**2/22/24 BID SET (ADDENDUM #2)**

MILLEN, GEORGIA

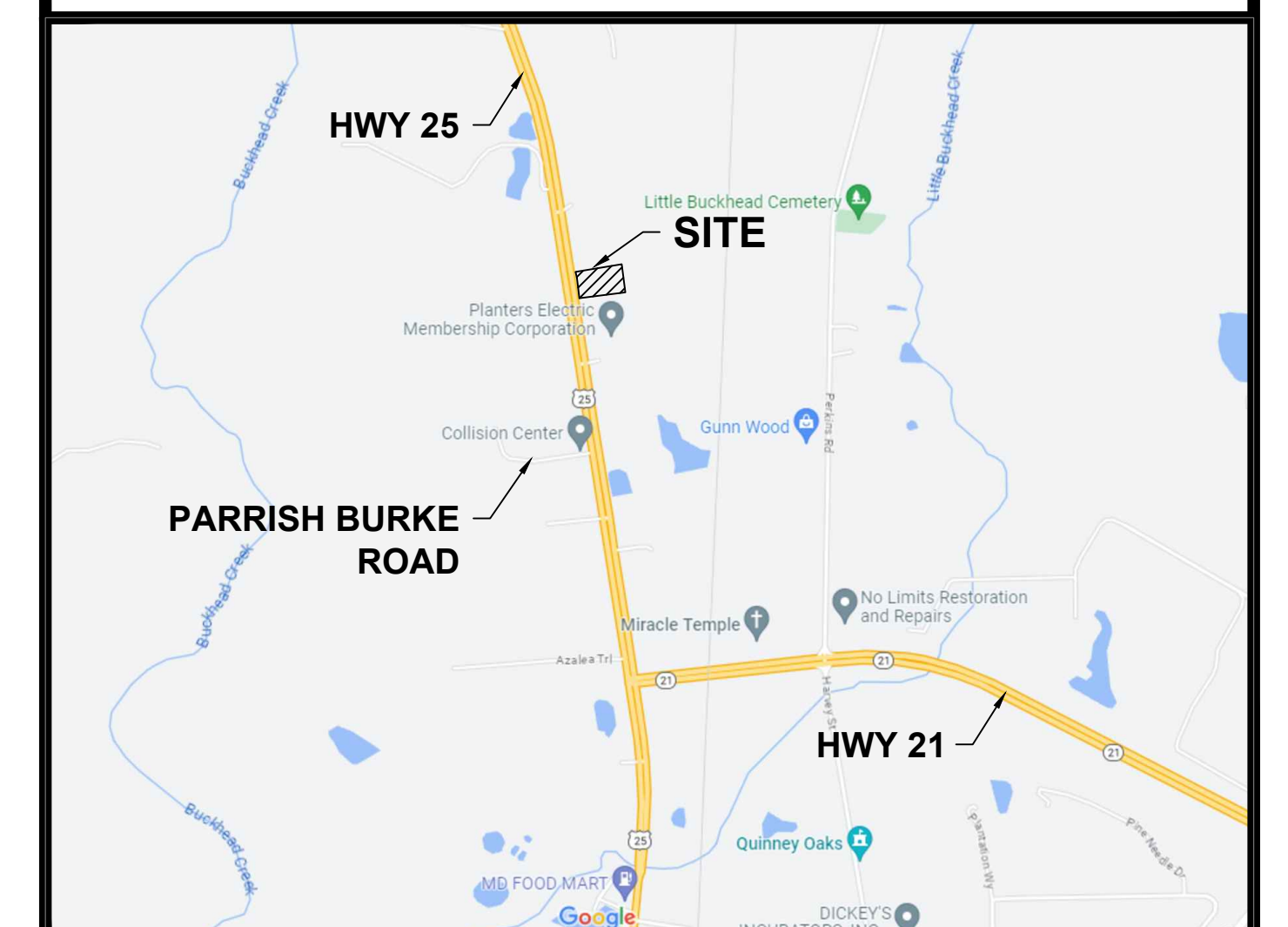
CITY OFFICIALS

A. KING ROCKER	MAYOR
DARREL E. CLIFTON	COUNCIL MEMBER
REGINA CONEY	COUNCIL MEMBER
ED FULLER	COUNCIL MEMBER
ROBIN SCOTT	COUNCIL MEMBER
JOEL CARTER	COUNCIL MEMBER
JEFF BRANTLEY	CITY MANAGER
JOHNNY THOMAS	UTILITIES DIRECTOR
MARVIN MILES	SEWER SUPT.
LARRY WILSON	WATER SUPT.
CLAY BOULINEAU	PUBLIC WORKS DIRECTOR

IF ARCHAEOLOGICAL MATERIALS ARE DISCOVERED DURING PROJECT ACTIVITIES, ALL GROUND DISTURBING ACTIVITIES WILL CEASE, AND THE GEORGIA HISTORIC PRESERVATION DIVISION AND EDA WILL BE CONTACTED TO DETERMINE IF THESE RESOURCES NEED TO BE ASSESSED BY A SECRETARY OF THE INTERIOR-QUALIFIED ARCHAEOLOGIST.

PROJECT #: PE23155

VICINITY MAP



36 COURTLAND STREET, SUITE B  
STATESBORO, GEORGIA 30458  
PHONE: 912-764-7722



Know what's below.  
Call before you dig.

INDEX OF DRAWINGS

SHEET No.	TITLE
T1	COVER PAGE
T2	TANK SITE PLAN
T3-T4	TANK DETAILS
T5	TANK SITE E&S PLAN
T6	E&S DETAILS



36 Courtland Street, Suite B  
Statesboro, Georgia 30458  
Phone: 912-764-7722



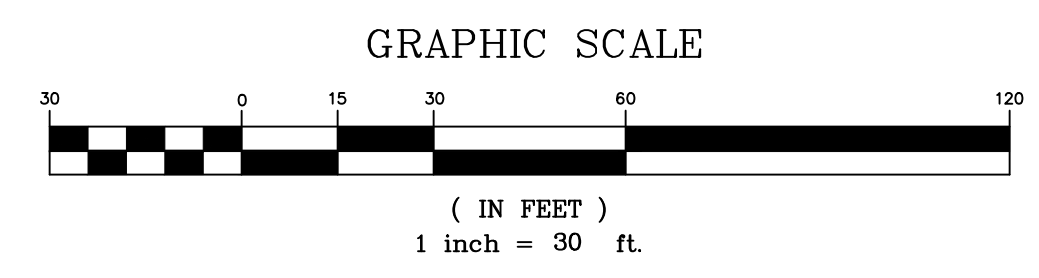
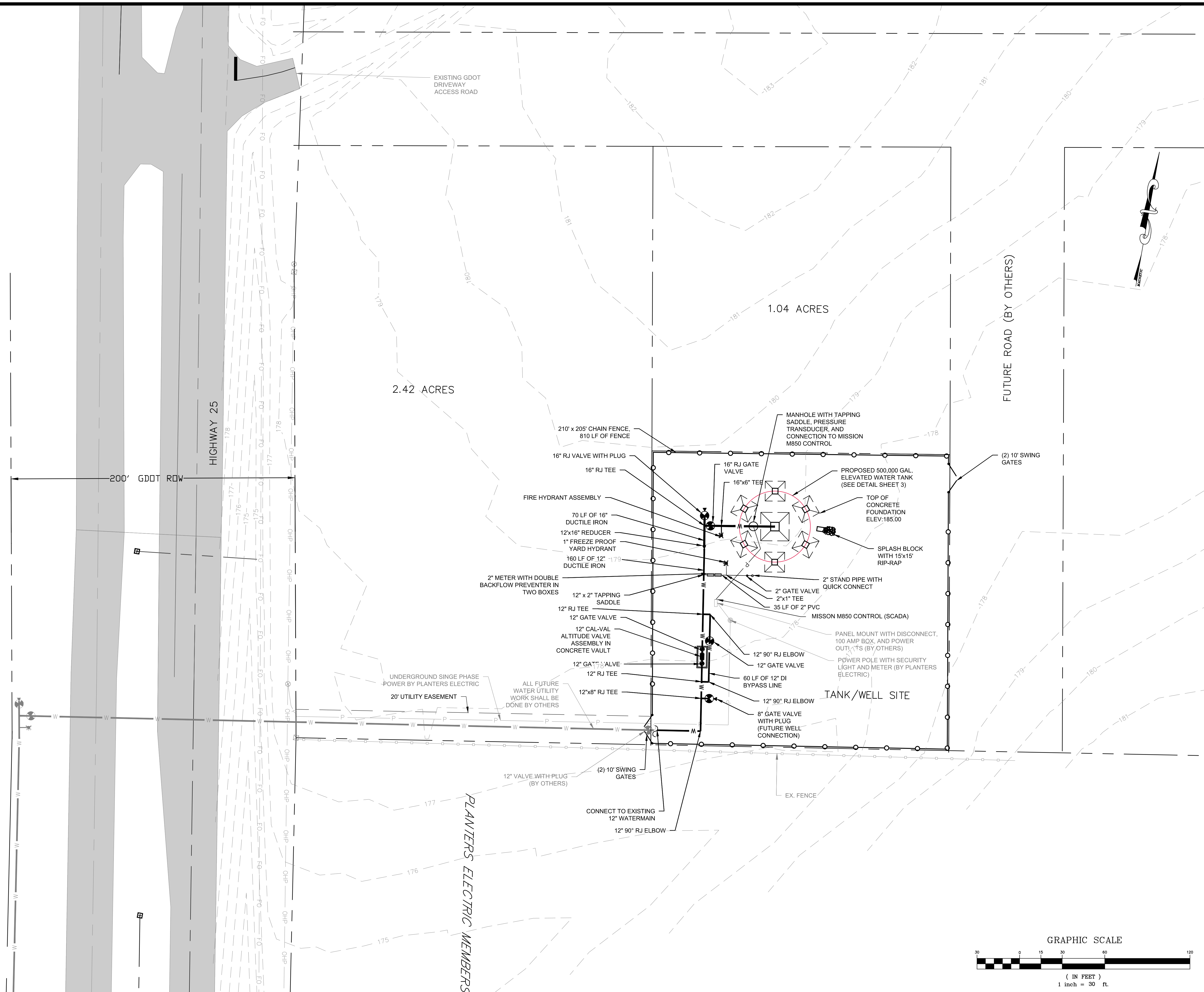
**US 25 ELEVATED TANK SITE**  
**MILLEN, GA**  
prepared for:  
**JCDA & CITY OF MILLEN**

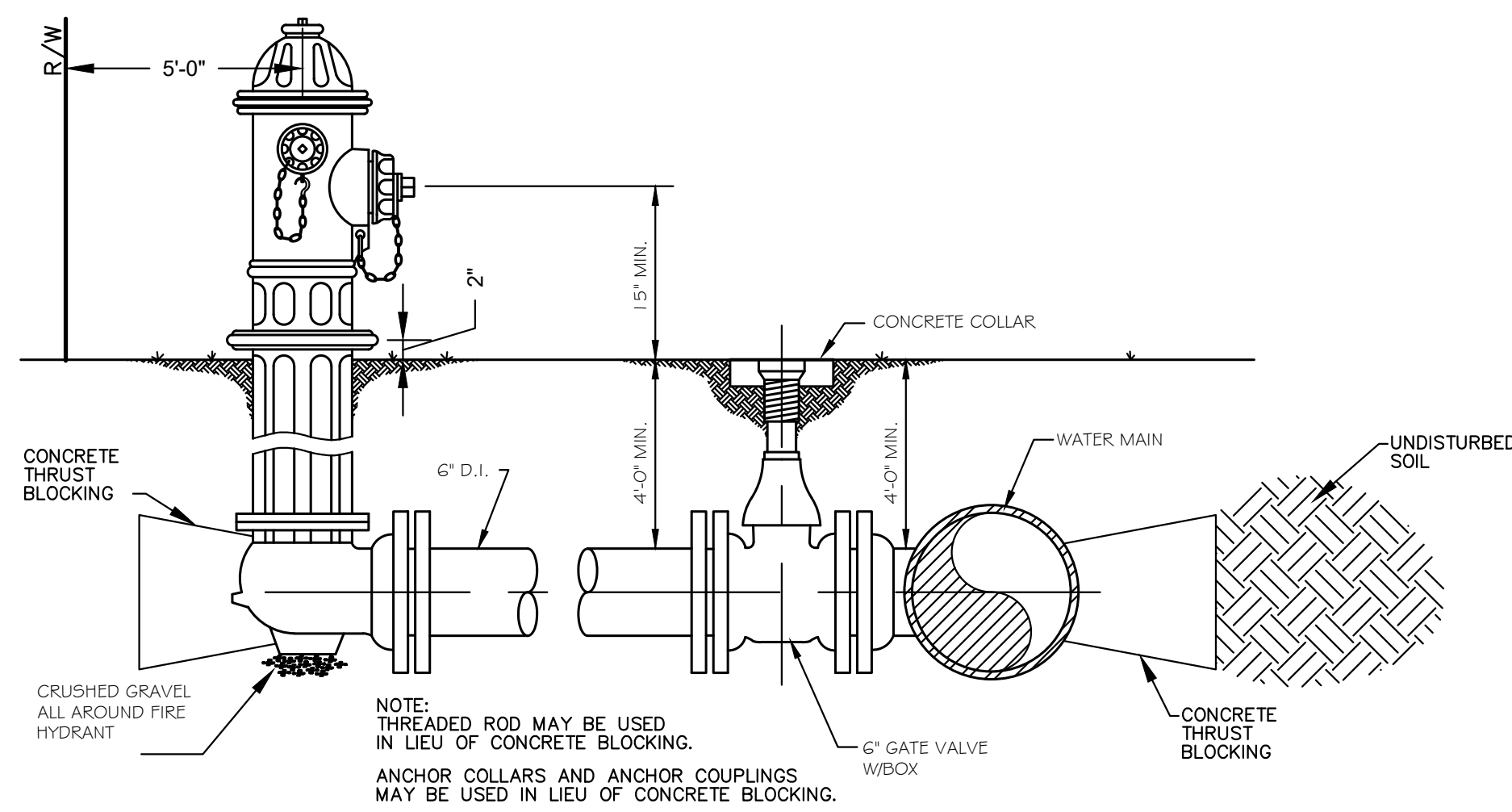
No.	Date	Revision

Sheet Title:  
**TANK SITE PLAN**

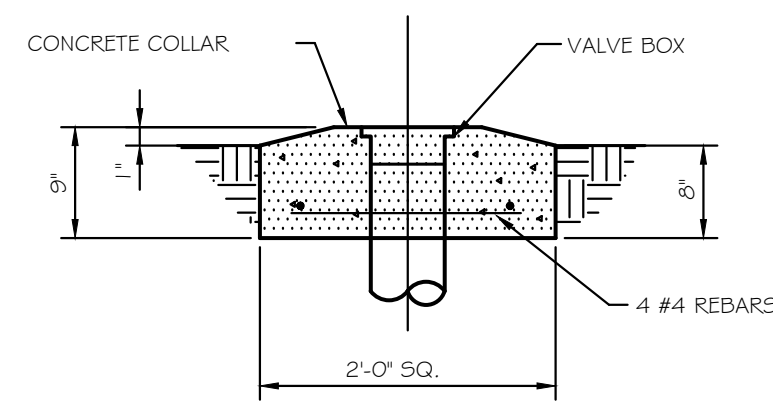
Drawn by: **RWE**  
 Designed by: **RWE**  
 Checked by: **GWP**  
 Scale: **1"=30'**  
 Project No.: **PE23155**

T2

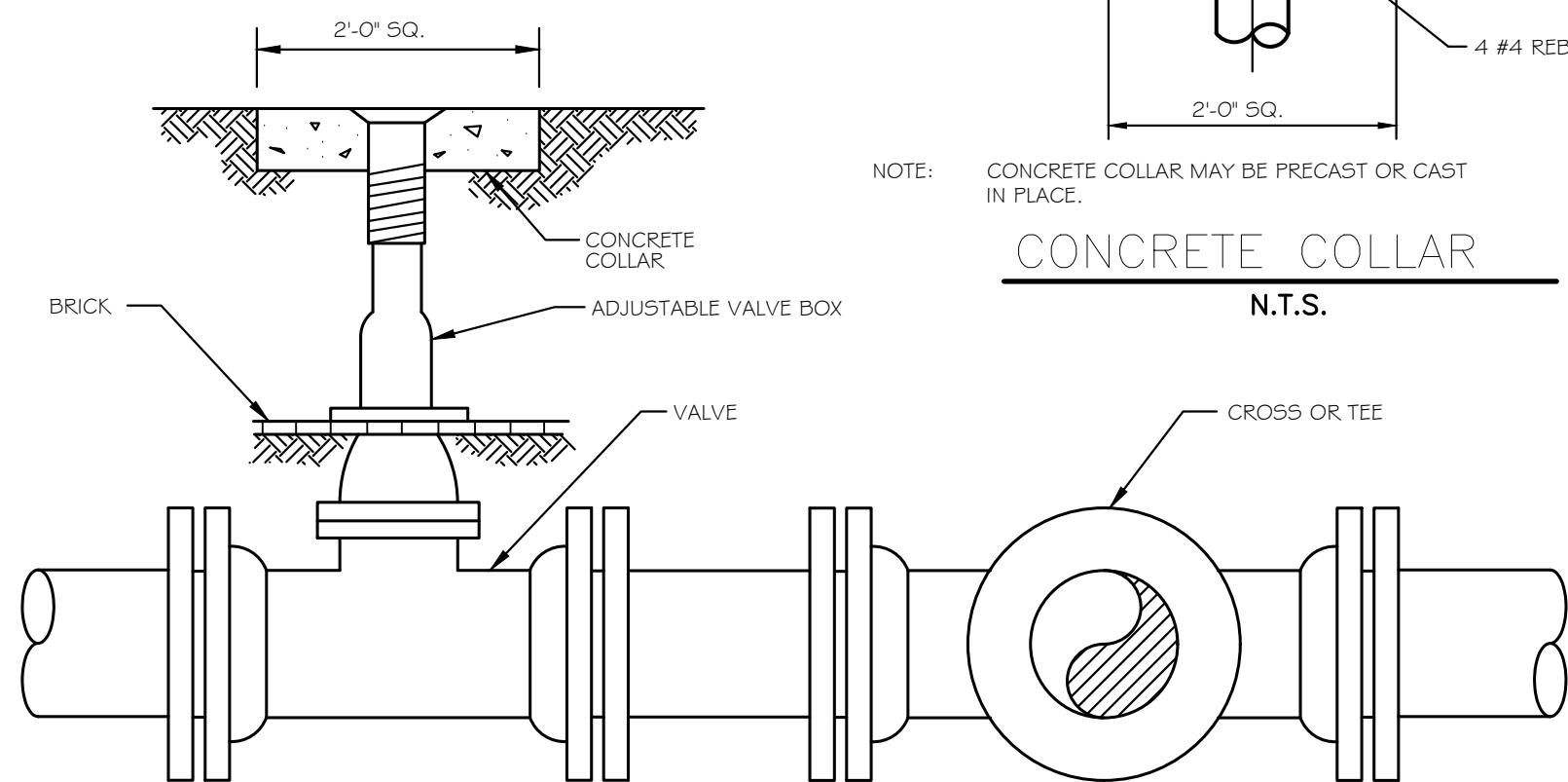




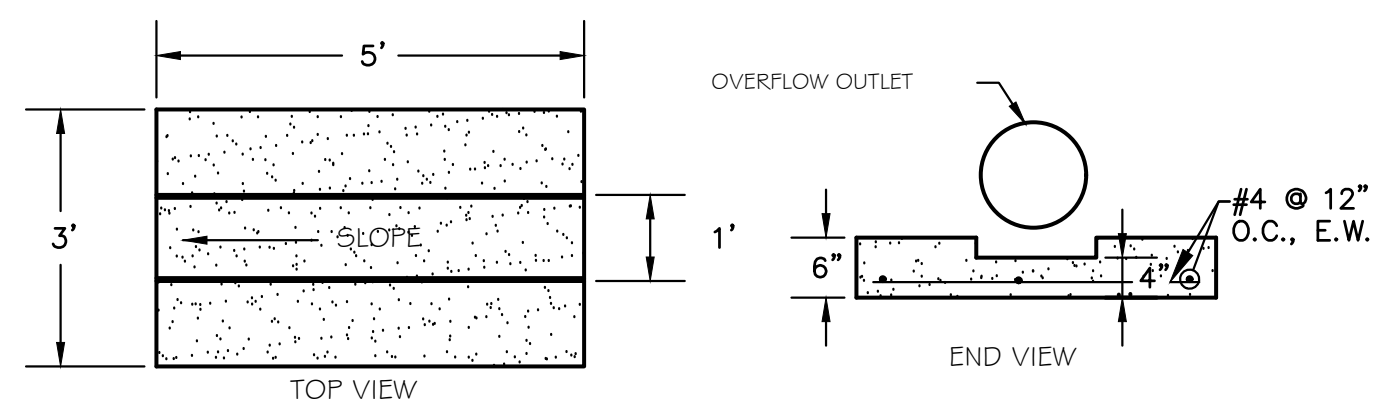
TYPICAL FIRE HYDRANT SETTING  
N.T.S.



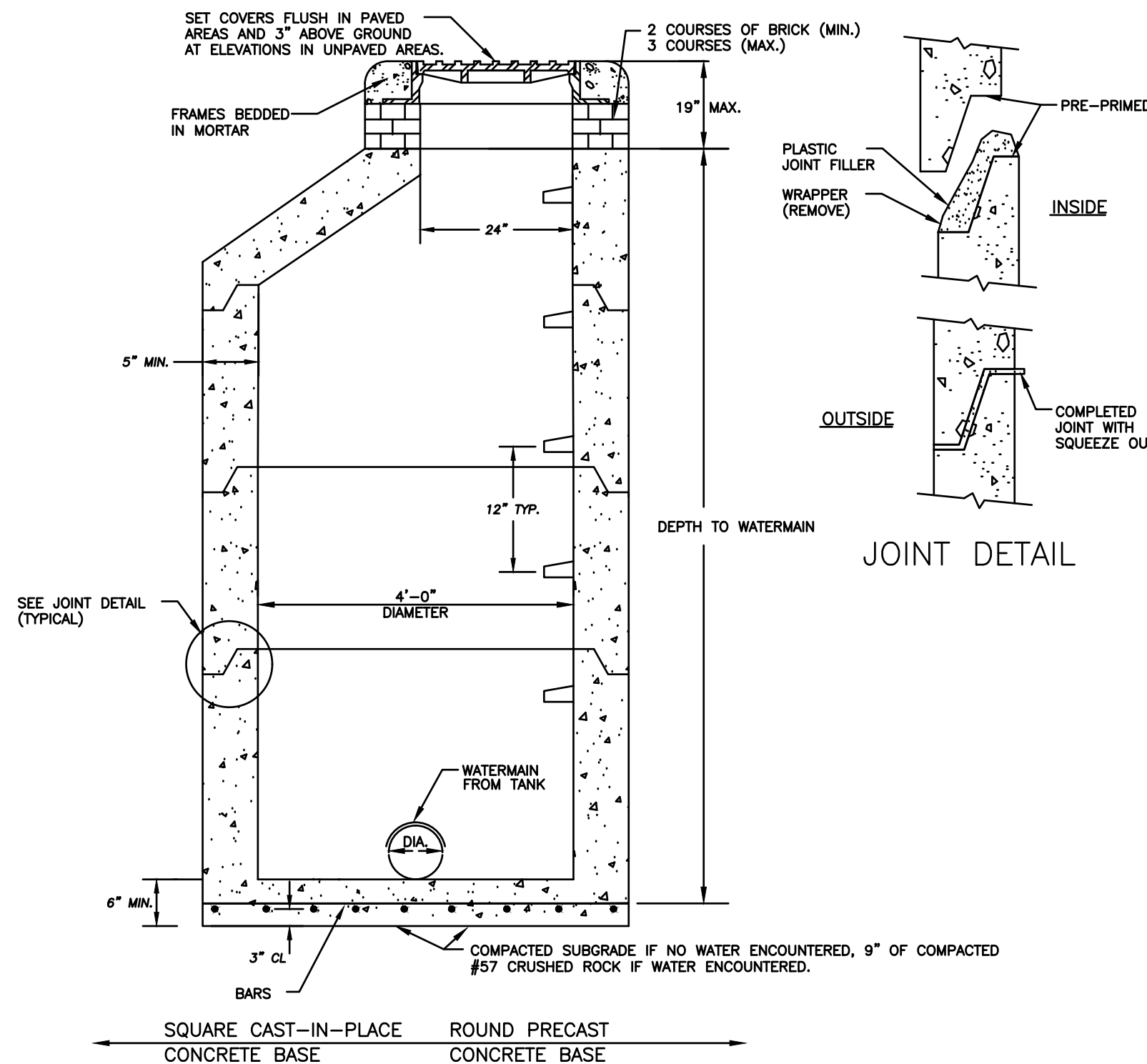
CONCRETE COLLAR  
N.T.S.



VALVE SETTING & BOX  
N.T.S.

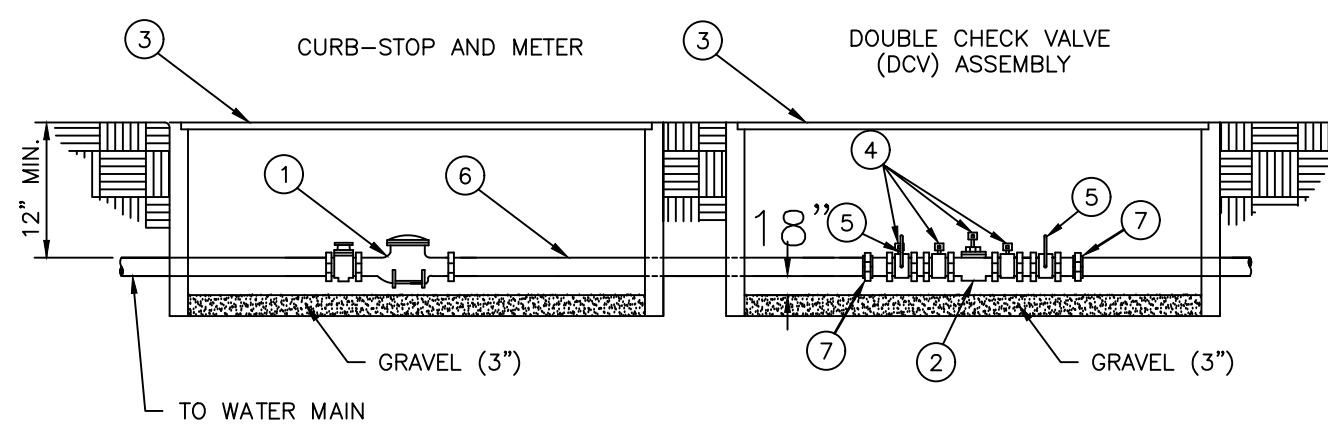


SPLASH BLOCK DETAIL  
N.T.S.



- NOTES:
- THIS DETAIL IS FOR 4'-0" (INSIDE DIAMETER).
  - PRECAST REINFORCED CONCRETE TOPS, RISERS, BASES AND REBAR SHALL CONFORM TO LATEST ASTM C-478 STD. SPECIFICATIONS.
  - 12" JOINT WRAP SHALL BE USED ON EXTERIOR OF ALL JOINTS.
  - SEE DETAIL FOR MANHOLE COVER AND FRAME.
  - STEPS TO BE INSTALLED IN A VERTICAL ROW ON 12" CENTERS.
  - INTERIOR OF ALL JOINTS SHALL CONSIST OF CON-SEAL MASTIC OR RAM-NEK MASTIC.

STANDARD PRECAST CONCRETE MANHOLE  
NTS



ITEM	QUAN	DESCRIPTION
1	1	WATER METER
2	1	DOUBLE CHECK VALVE ASSEMBLY
3	2	METER BOX (JUMBO METER BOX FOR 3/4", 1", 1 1/4", 1 1/2" & 2" BFD ONLY)
4	4	TEST COCKS
5	2	FULL PORT BALL VALVES
6	SCH. 40-PVC, OR BRASS CUT TO LENGTH	
7	2	UNION

INSTALLATION INSTRUCTIONS:

THE ASSEMBLY SHALL NOT BE BURIED IN EARTH, BUT MAY BE INSTALLED IN A UTILITY BOX ADJACENT TO OR AS CLOSE AS PRACTICAL TO, THE OUTLET SIDE OF THE METER. UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR SYSTEM CONTAINMENT.

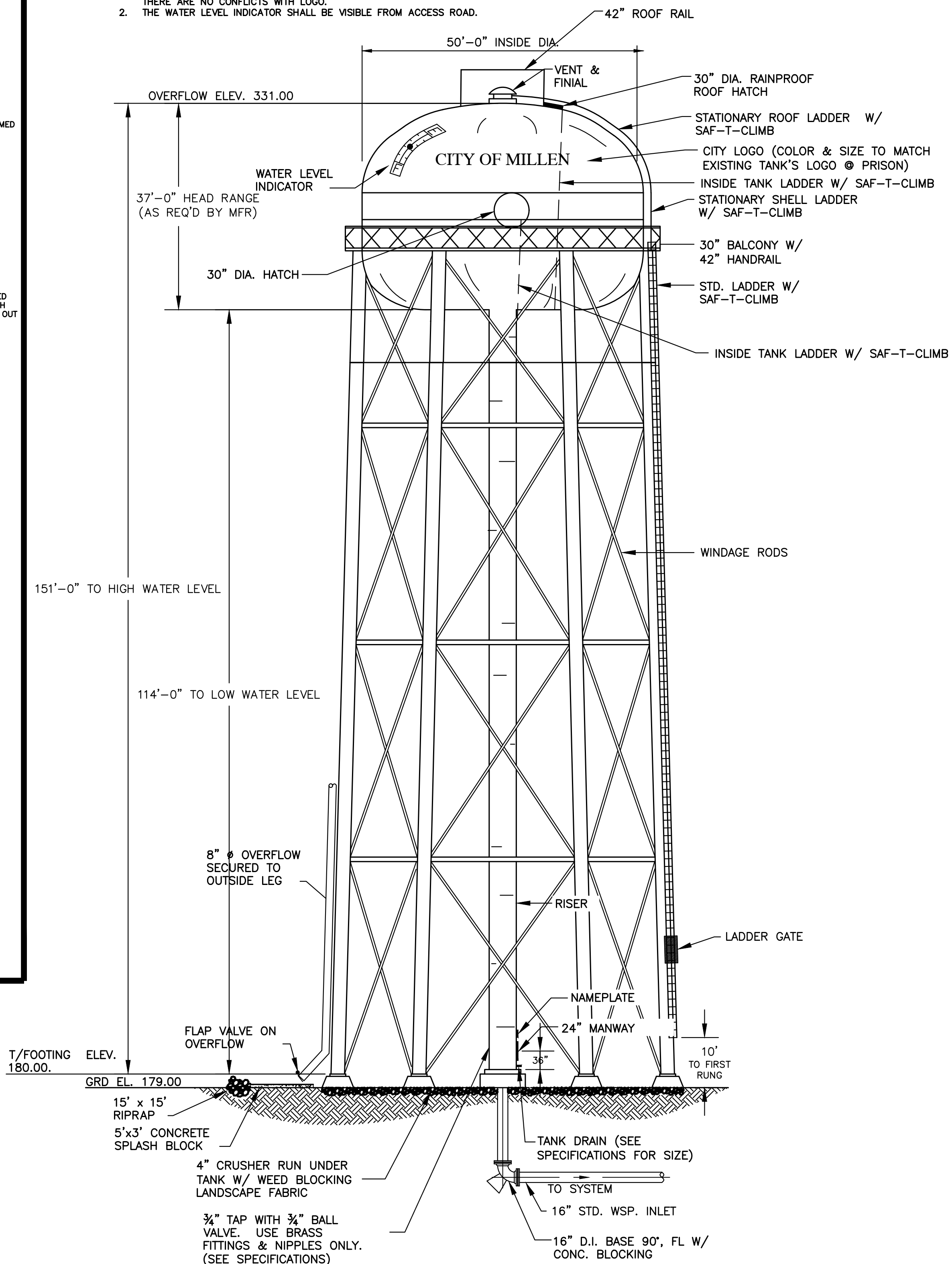
NOTES:

- NEW METER INSTALLATIONS 3/4", 1", 1 1/4" & 1 1/2" TO BE INSTALLED BY CITY OF SAVANNAH'S WATER DISTRIBUTION DEPARTMENT.
- FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE. INSTALLER MUST PROVIDE FOR THERMAL EXPANSION WITHIN THE PROJECT.
- IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE, FITTINGS AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTION DEVICE; UNDER NO CIRCUMSTANCE, SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR THIS OR OTHER APPLICATION, OTHER THAN BACKFLOW DEVICE TESTING.

TYPICAL OUTSIDE INSTALLATION  
(3/4", 1", 1 1/4", 1 1/2", & 2" SIZES)

DOUBLE CHECK VALVE & METER ASSEMBLY  
FOR DOMESTIC SERVICE FOR COMMERCIAL SITES  
NTS

- NOTE
- THE CONTRACTOR SHALL COORDINATE LOCATION OF WATER LEVEL INDICATOR AND OTHER TANK ACCESSORIES WITH THE TANK LOGO SO THERE ARE NO CONFLICTS WITH LOGO.
  - THE WATER LEVEL INDICATOR SHALL BE VISIBLE FROM ACCESS ROAD.



NOTE  
NUMBER OF COLUMNS & FOOTINGS AND SPACING SHALL BE AS REQ'D BY TANK MFR.

500,000 GALLON ELEVATED  
WATER STORAGE TANK  
N.T.S.



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Statesboro, Georgia 30458  
Phone: 912-764-7722



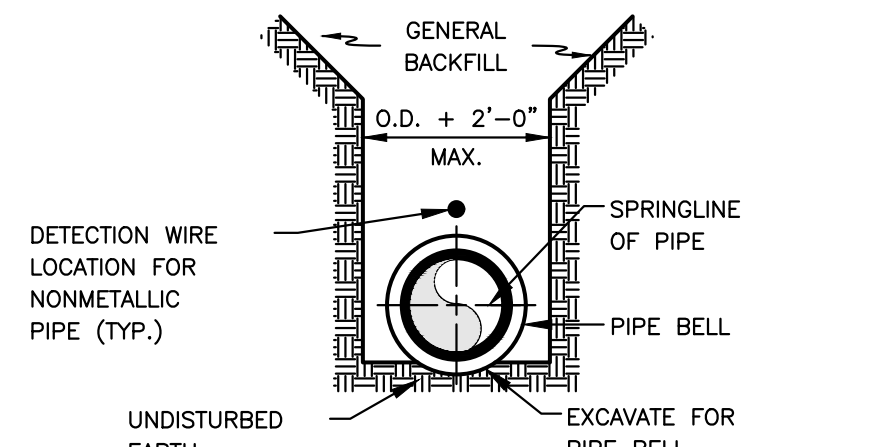
US 25 ELEVATED TANK SITE  
MILLEN, GA  
prepared for:  
JCDA & CITY OF MILLEN

No.	Date	Revision

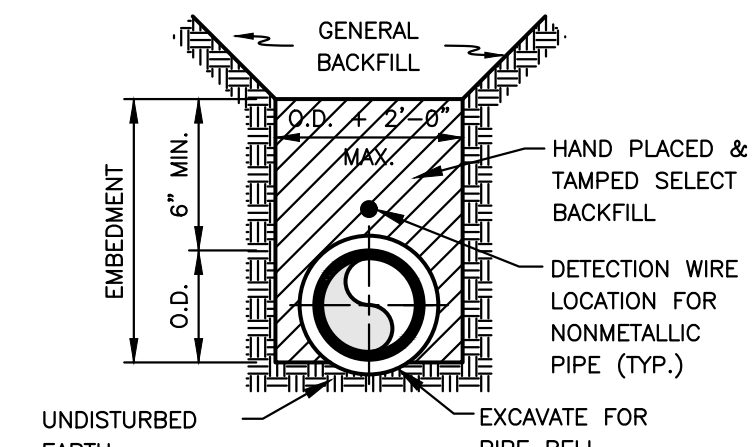
Sheet Title:  
TANK SITE  
DETAILS #1

Drawn by: RWE  
Designed by: RWE  
Checked by: GWP  
Scale: NTS  
Project No.

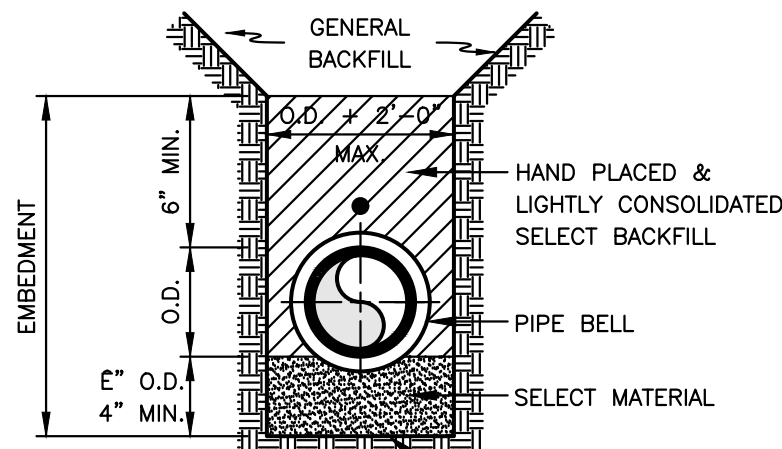
T3



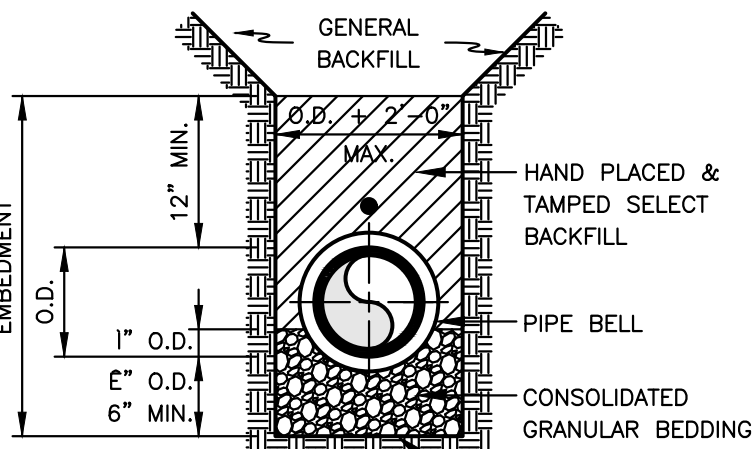
**TYPE 1  
(FLAT BOTTOM TRENCH)**



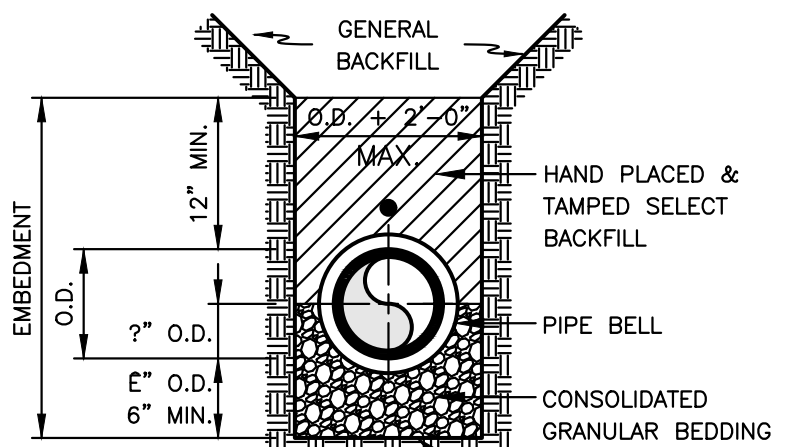
**TYPE 2  
(FLAT BOTTOM TRENCH)**



**TYPE 3  
(LOOSE SOIL BEDDING)**



**TYPE 4  
(GRANULAR BEDDING)**

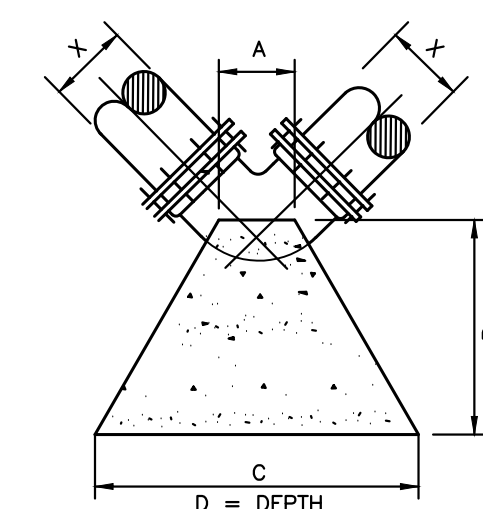
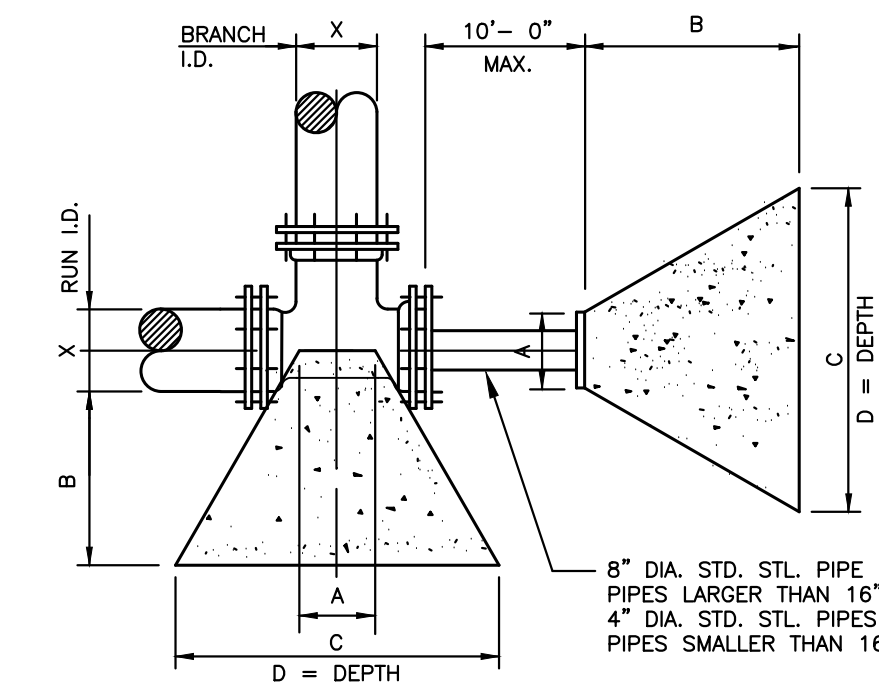


**TYPE 5  
(GRANULAR BEDDING)**

- NOTES**
- TYPE 1 AND 2 CAN ONLY BE USED IN DRY EARTH TRENCHES.
  - TYPE 2 SHALL BE USED FOR PVC & D.I. FORCE MAINS & WATER MAINS UNLESS ROCK IS ENCOUNTERED OR OVER EXCAVATION OCCURS, IN WHICH CASE 6" MIN. OF GRANULAR CRUSHED STONE SHALL BE USED AS BEDDING.
  - SEE SPECIFICATION SECTION 02315 FOR ADDITIONAL REQUIREMENTS.

**PIPE BEDDING AND HAUNCHING DETAILS  
GRAVITY AND PRESSURE PIPES**

N.T.S.



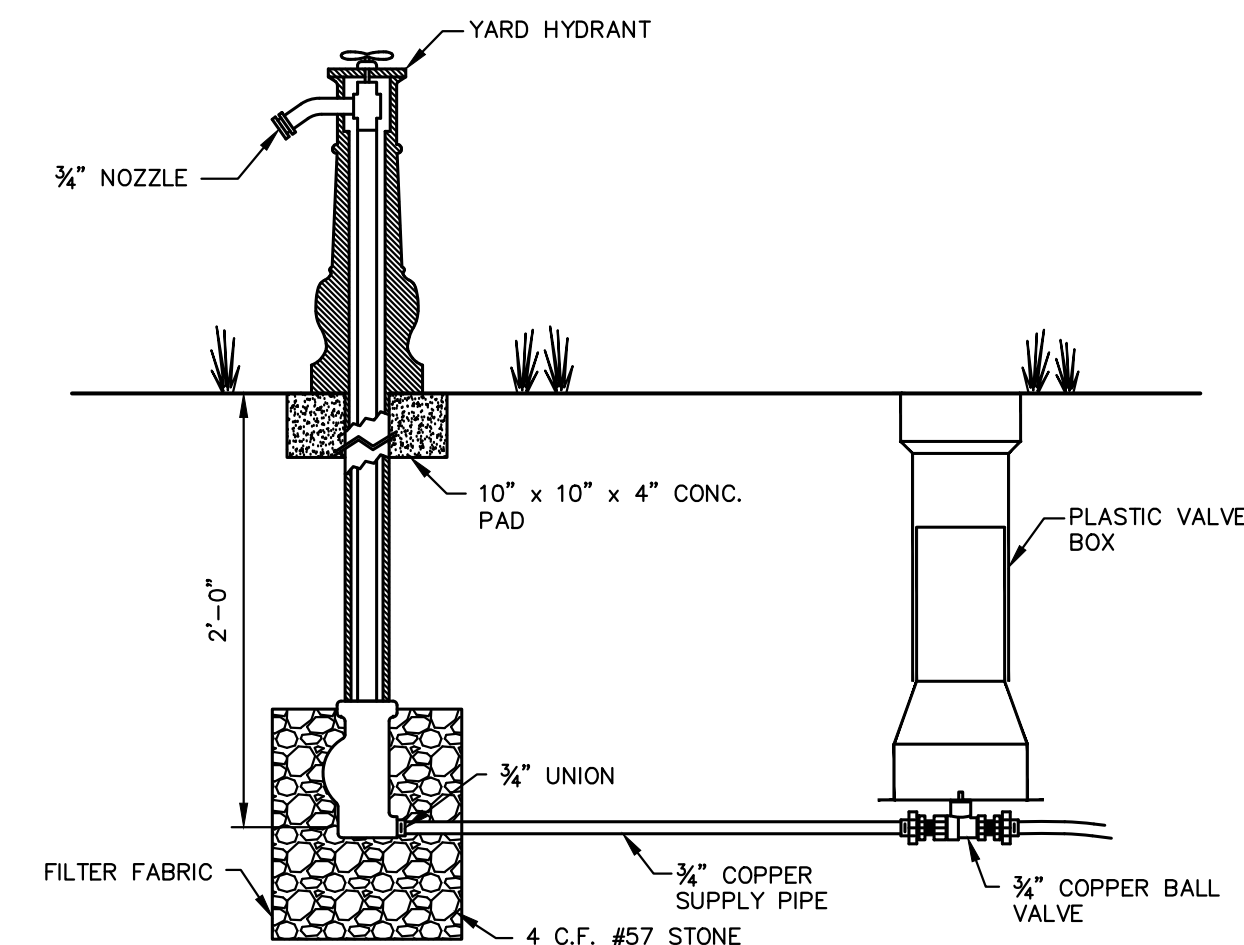
**BLOCKING DIMENSIONS**

	BENDS					BENDS				
	X	A	B	C		D	X	A	B	C
I BEND	30"	2'-0"	11'-6"	15'-3"	6'-0"	30"	1'-0"	2'-10"	4'-3"	3'-0"
	24"	2'-0"	7'-9"	10'-9"	5'-6"	24"	1'-0"	2'-6"	3'-8"	2'-6"
	20"	1'-9"	6'-0"	8'-6"	5'-0"	20"	10"	2'-0"	3'-0"	2'-0"
	16"	1'-3"	4'-0"	6'-0"	4'-6"	16"	8"	1'-8"	2'-6"	1'-6"
	12"	10"	2'-9"	4'-0"	4'-0"	12"	8"	1'-0"	1'-6"	1'-6"
	10"	10"	2'-6"	3'-9"	3'-0"	10"	10"	1'-0"	1'-6"	1'-0"
	8"	8"	1'-9"	2'-6"	2'-6"	8"	8"	1'-0"	1'-6"	1'-0"
	6"	6"	1'-3"	2'-0"	2'-0"	6"	6"	1'-0"	1'-0"	1'-0"
E BEND	30"	1'-6"	7'-6"	10'-0"	5'-0"	30"	3'-0"	8'-9"	13'-0"	5'-0"
	24"	1'-3"	5'-9"	8'-0"	4'-0"	24"	2'-6"	7'-3"	10'-8"	3'-9"
	20"	1'-0"	4'-9"	6'-8"	3'-6"	20"	2'-0"	5'-3"	8'-0"	3'-6"
	16"	1'-3"	3'-3"	5'-0"	3'-3"	16"	1'-0"	4'-8"	8'-4"	3'-0"
	12"	10"	1'-9"	3'-0"	2'-9"	12"	10"	2'-9"	4'-6"	2'-6"
	10"	10"	1'-9"	3'-0"	2'-0"	10"	10"	2'-0"	3'-3"	2'-6"
	8"	8"	1'-6"	2'-0"	2'-0"	8"	8"	1'-0"	1'-6"	1'-0"
	6"	6"	1'-3"	1'-6"	1'-6"	6"	6"	1'-0"	1'-0"	1'-0"
E BEND	30"	1'-0"	4'-8"	6'-4"	4'-0"	30"	1'-0"	4'-8"	6'-4"	4'-0"
	24"	1'-0"	3'-0"	5'-0"	3'-6"	24"	1'-0"	3'-0"	4'-4"	3'-6"
	20"	1'-0"	2'-6"	4'-4"	3'-0"	20"	1'-0"	2'-6"	4'-4"	3'-0"
	16"	1'-0"	1'-9"	3'-0"	2'-6"	16"	1'-0"	1'-9"	3'-0"	2'-6"
	12"	10"	1'-3"	2'-3"	2'-0"	12"	10"	1'-3"	2'-3"	2'-0"
	10"	10"	1'-0"	2'-0"	1'-6"	10"	10"	1'-0"	2'-0"	1'-6"
	8"	8"	1'-0"	1'-9"	1'-9"	8"	8"	1'-0"	1'-9"	1'-9"
	6"	6"	1'-0"	1'-6"	1'-6"	6"	6"	1'-0"	1'-3"	1'-3"

NOTE: 200 P.S.I. TEST PRESSURE  
SOIL BEARING OF 2500 P.S.F.  
3000 P.S.I. CONCRETE  
PIPE LESS THAN 4" IN DIAMETER  
SHALL HAVE THE SAME REQUIREMENTS  
AS 4" DIAMETER PIPE

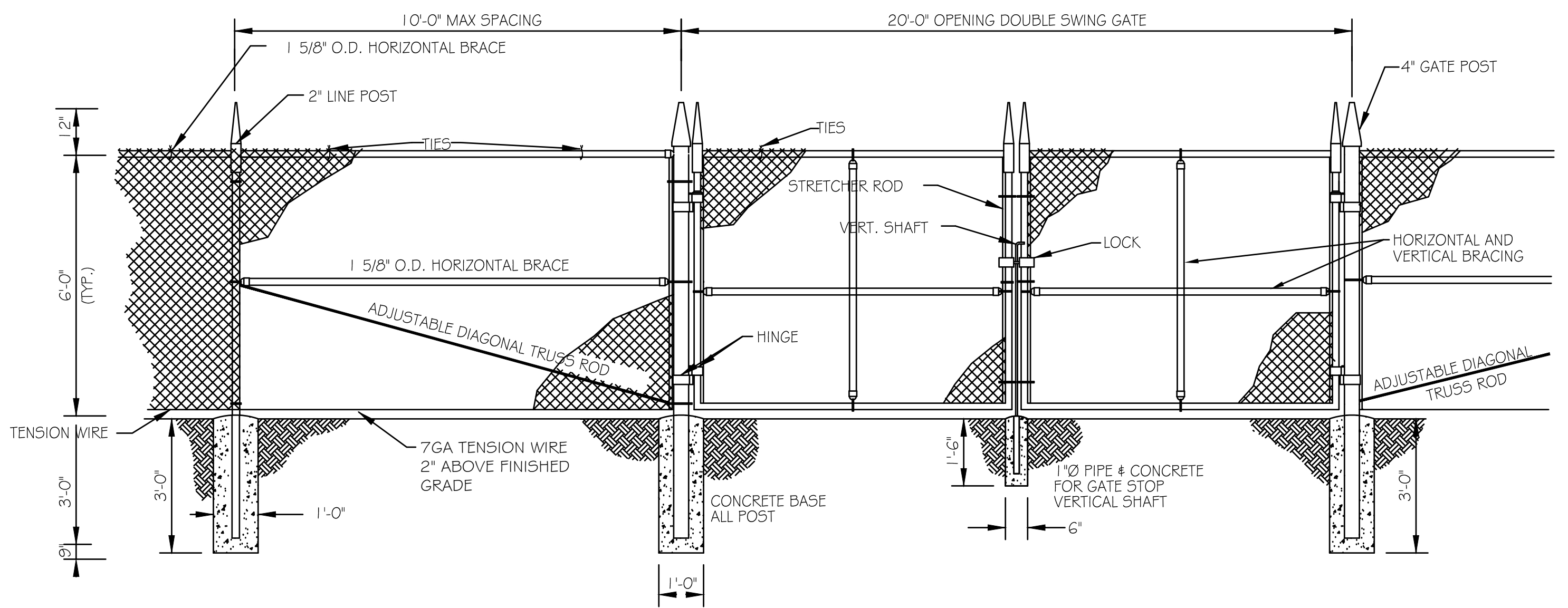
**THRUST BLOCK DETAIL**

N.T.S.



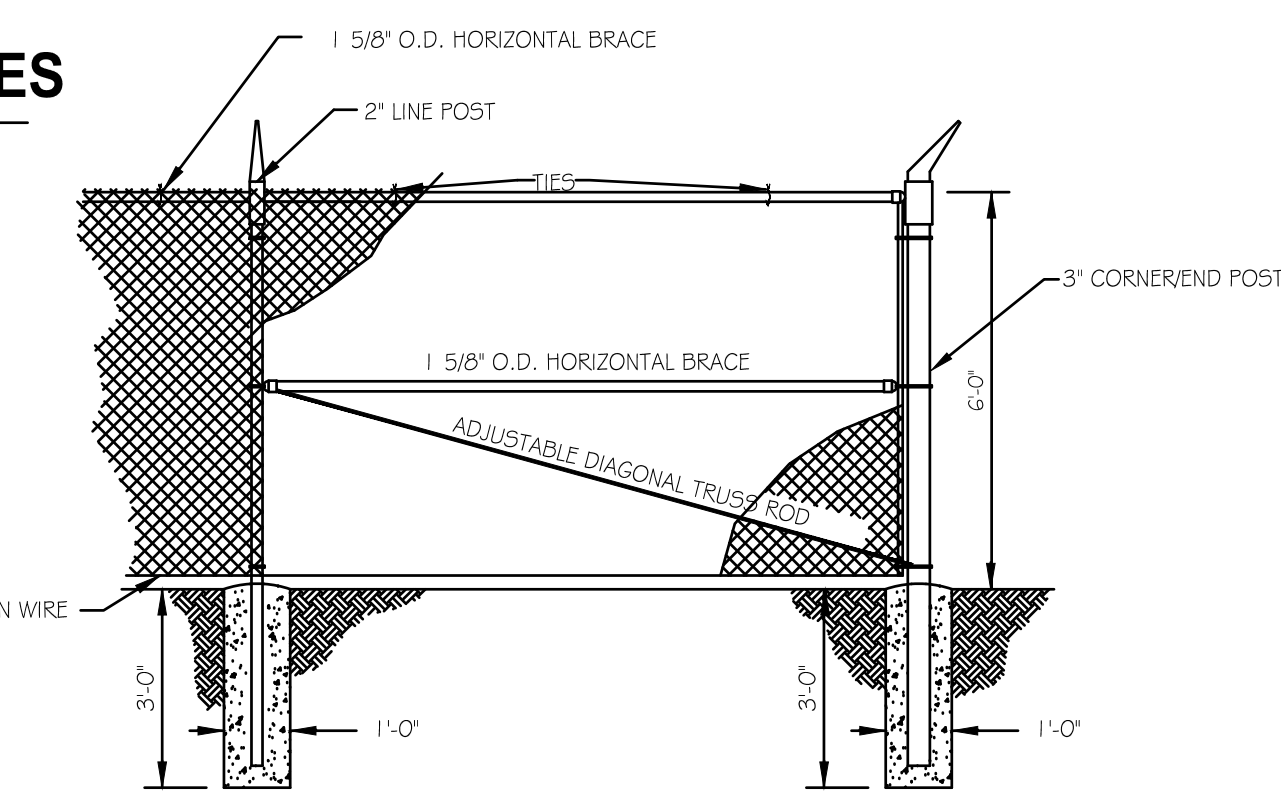
**YARD HYDRANT**

N.T.S.



**DOUBLE SWING GATES**

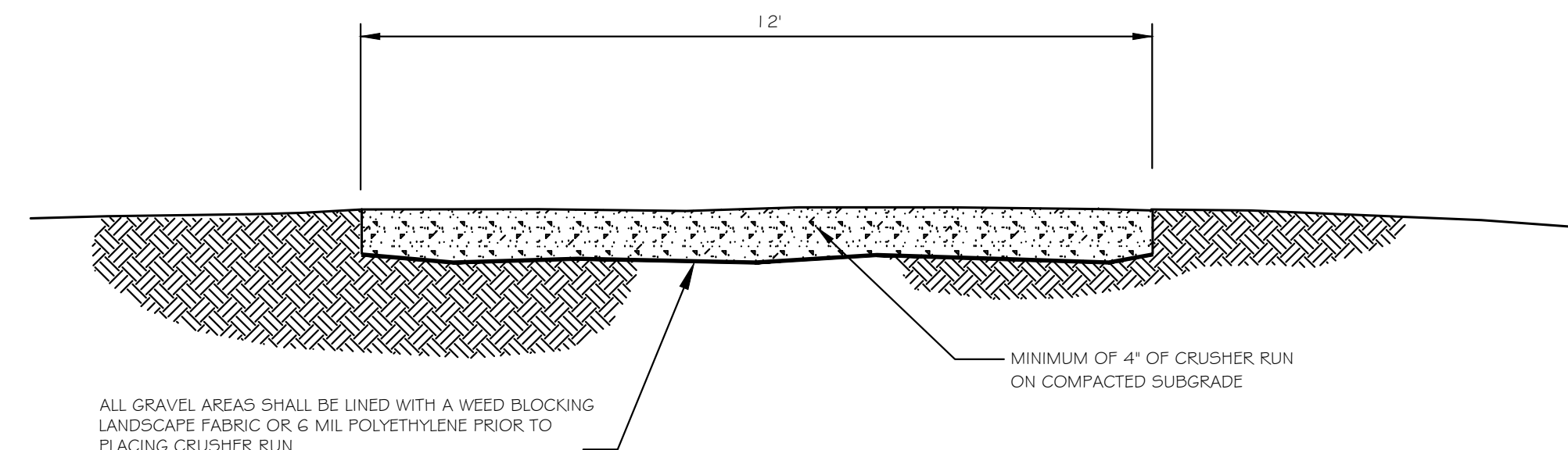
N.T.S.



**CORNER AND END DETAIL**

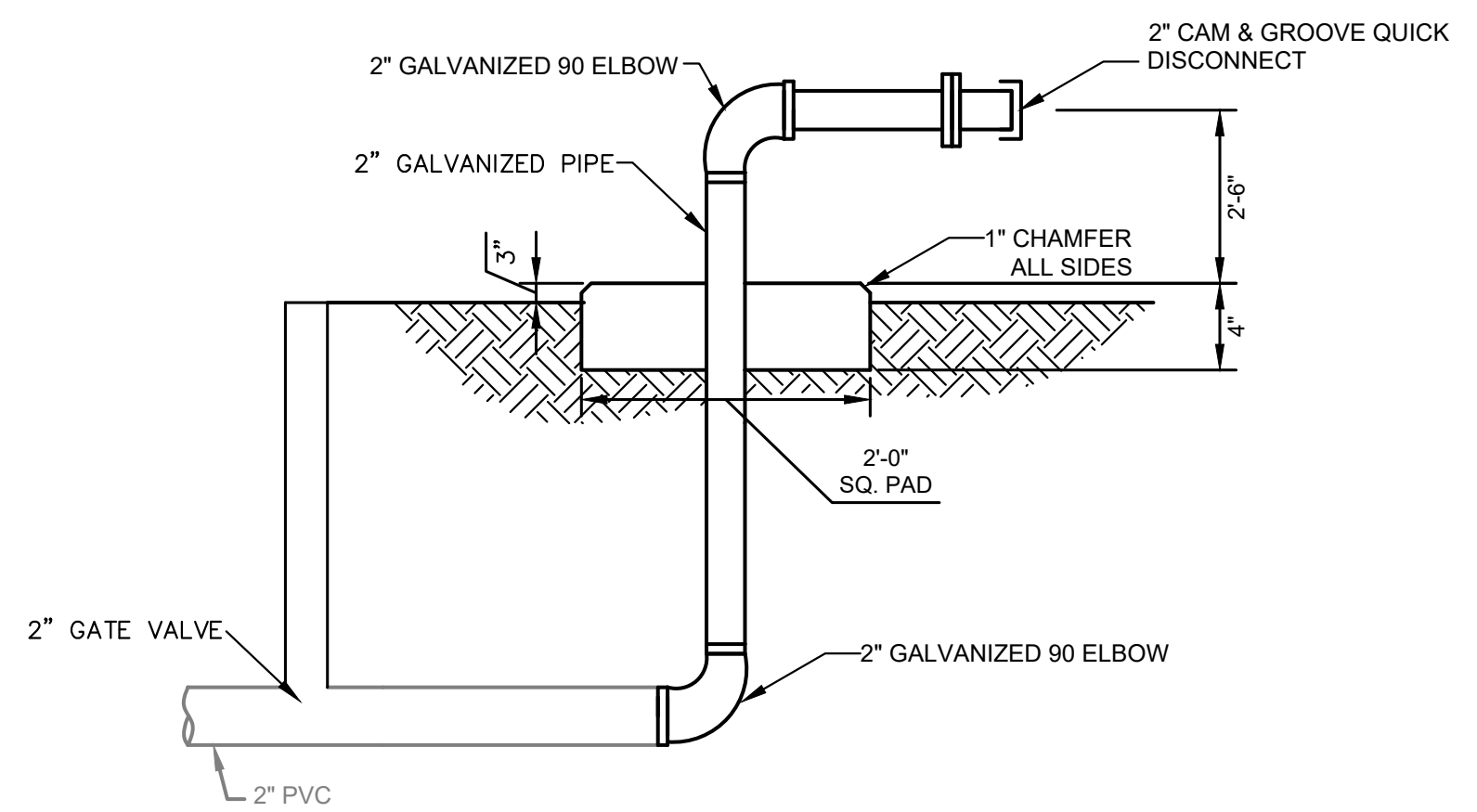
N.T.S.

- NOTES:**
- TRUSS RODS NOT REQUIRED FOR CORNERS AND ENDS ON RUNS THAT HAVE ONE LINE POST OR LESS
  - MAXIMUM SPACING BETWEEN POSTS = 10'



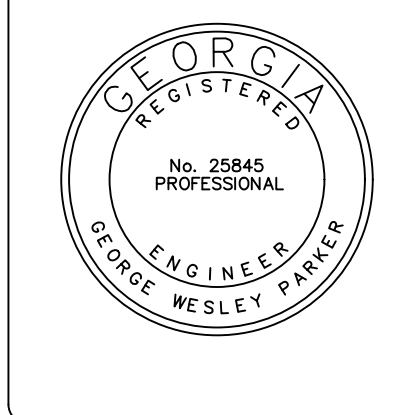
**GRAVEL DRIVE DETAIL**

N.T.S.



**2" STAND PIPE WITH QUICK CONNECT**

N.T.S.



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Phone: 912-764-7722



**US 25 ELEVATED TANK SITE  
MILLEN, GA**  
prepared for:  
**JCDA & CITY OF MILLEN**

No.	Date	Revision

Sheet Title:  
**TANK SITE  
DETAILS #2**

Drawn by: RWE  
Designed by: RWE  
Checked by: GWP  
Scale: NTS  
Project No.: PE23155

T4





36 Courtland Street, Suite B  
Statesboro, Georgia 30458  
Phone: 912-764-7722



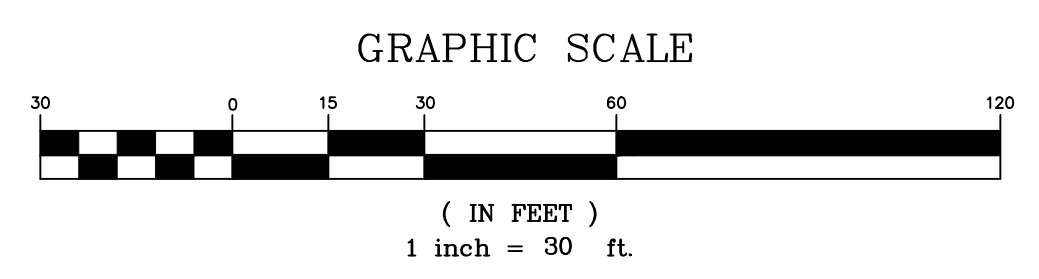
**US 25 ELEVATED TANK SITE  
MILLEN, GA**  
prepared for:  
**JCDA & CITY OF MILLEN**

No.	Date	Revision

Sheet Title:  
**TANK SITE  
E&S &  
GRADING PLAN**

Drawn by: RWE  
Designed by: RWE  
Checked by: GWP  
Scale: 1" = 30'  
Project No.

T5



PE23155

**VEGETATIVE PLAN FOR DISTURBED AREAS**

All bare areas resulting from construction operations will be established to perennial vegetation as soon as possible after final grading is complete.

**SEEDBED**

Prepare seedbed to a depth of at least 4 inches on all areas where a good seedbed is not present. Remove rocks, roots, or other objects that will interfere with vegetation establishment or maintenance operations.

**FERTILIZER**

Apply agricultural lime at the rate of 1 tons per acre. Apply 1000 lbs. 15-15-15 fertilizer per acre. Spread lime and fertilizer uniformly over all areas immediately before final land preparation and mix thoroughly with the soil. Apply topdressing of 100 lbs. per acre of ammonium nitrate (or equivalent) when plants are 2 to 4 inches tall.

**PLANTING**

All areas shall be seeded with the following:

**SEPTEMBER-MARCH**

Rye/Bermuda Mixture  
 Rye @ 1/2 bushel (3.9 lbs.) per 1000 sqft  
 Unhulled Bermuda @ 0.22 lbs. per 1000 sqft

**DS2  
 DS3**

**MARCH-SEPTEMBER**

Browntop Millet/Bermuda Mixture  
 Browntop Millet @ 10 lbs. per acre  
 Hulled Bermuda @ 10 lbs. per acre

**MULCHING**

2 Tons per acre of straw. Anchor mulch into ground. Mulch shall be approximately 1-2 inches thick.

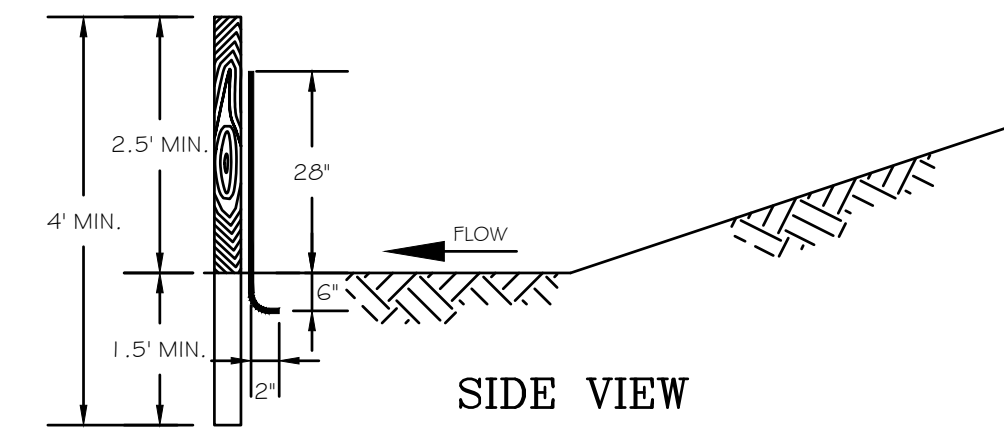
**MAINTENANCE**

Apply 400 lbs. per acre or 10-10-10 fertilizer and topdress with 30 lbs. of ammonium nitrate per acre every year.  
 Apply 1 ton of lime per 5 years.

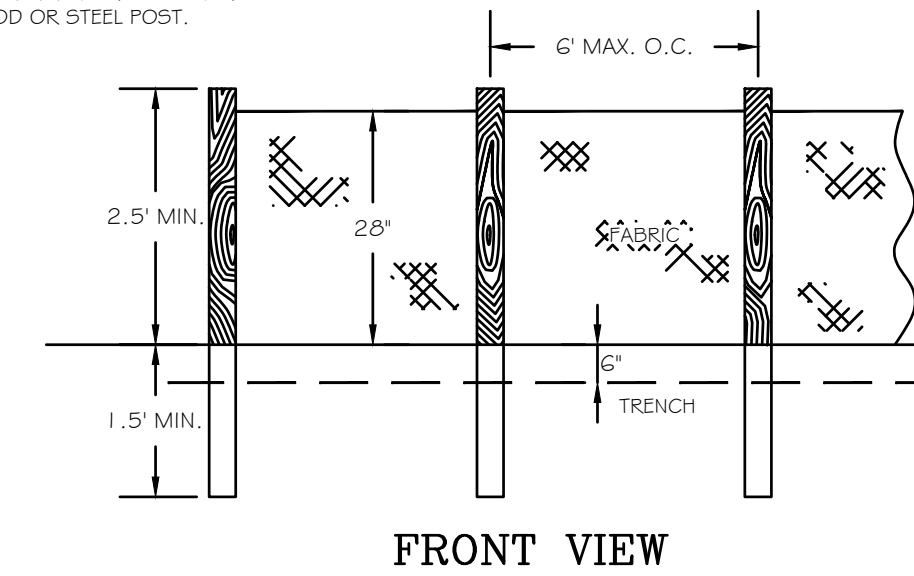
1. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

2. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH LAND DISTURBING ACTIVITIES

3. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.



NOTE:  
 USE 36\"/>



TYPE A FABRIC (36\"/>

USE:  
 1) ON DEVELOPMENTS WHERE THE LIFE OF THE PROJECT IS GREATER THAN OR EQUAL TO 6 MONTHS.  
 2) WHERE THE SLOPE GRADIENT IS STEEPER THAN 3:1.

**Sd-1a  
 SILT FENCE TYPE A**  
 NTS

**DUST CONTROL (Du)  
 SPRAY-ON ADHESIVE APPLICATION REQUIREMENTS**

ADHESIVE	WATER DILUTION	NOZZLE TYPE	APPLICATION (GAL./ACRE)
ANIONIC ASPHALT EMULSION	7:1*	COARSE SPRAY	1,200
LATEX EMULSION	12.5:1*	FINE SPRAY	235
RESIN-IN-WATER EMULSION	4:1*	FINE SPRAY	300

NOTES:  
 -PROHIBIT TRAFFIC ON SURFACE AFTER SPRAYING.  
 -SUPPLEMENT SURFACE COVERING AS NEEDED.



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**US 25 ELEVATED TANK SITE  
 MILLEN, GA**  
 prepared for:  
**JCDA & CITY OF MILLEN**

No.	Date	Revision

Sheet Title:  
**TANK SITE  
 E&S DETAILS**

Drawn by: **RWE**  
 Designed by: **RWE**  
 Checked by: **GWP**  
 Scale: **NTS**  
 Project No. **PE23155**

**T6**